

## What is Cell Shield?

Cell Shield is a innovative product that can protect its users against potentially harmful effect of electromagnetic waves. Cell Shield is a composite of five different ceramics that have the propensity to absorb potentially harmful electric and magnetic waves. These ceramics are able to render them harmless by converting them into shorter far infra-red rays, which are useful bionic energy. Throughout this conversion process, the ceramics molecular structure undergoes dynamic changes in order to continuously reproduce this benefit. This in turn reduces the impact of electromagnetic waves and its adverse effect on it user's health.

Cell Shield is also attractively presented in the form of a two piece double protection self-adhesive design.

Once Cell Shield has been attached, it instantly begins to provide its' user with long lasting protection.

On-going research and development are providing new and better understanding about the effects of electromagnetic waves on our health. This will help to provide better guidelines and recommendations about measures to protect us from its harmful effects.

## Cell Shield application principle

Cell Shield consists of a combination of absorptive and conductive material which form a molecular structure with a high plasticity yield temperature of above 1,600°C. This material absorbs the potentially noxious long electromagnetic waves (electric field and magnetic field), part of these are extinguished and part modified and radiated as 2.5µm - 25µm original infrared rays which represent a source of useful bionic energy for the human body. The quantity irradiated energy is equal to the quantity of energy absorbed.

Cell Shield is a semi-permanent product which repeats resonance. Just as radiated infrared rays facilitate animal and plant growth and blood circulation, Cell Shield neutralizes the potential risk to the human body, activates our bionics and absorbs the harmful electromagnetic waves.

- **Status of the ceramic composition**

- Patented in Korea and in the U.S.A.
- Patents are pending in Europe

- **Results of experiments carried out on the ceramic powder (BSM-502)**



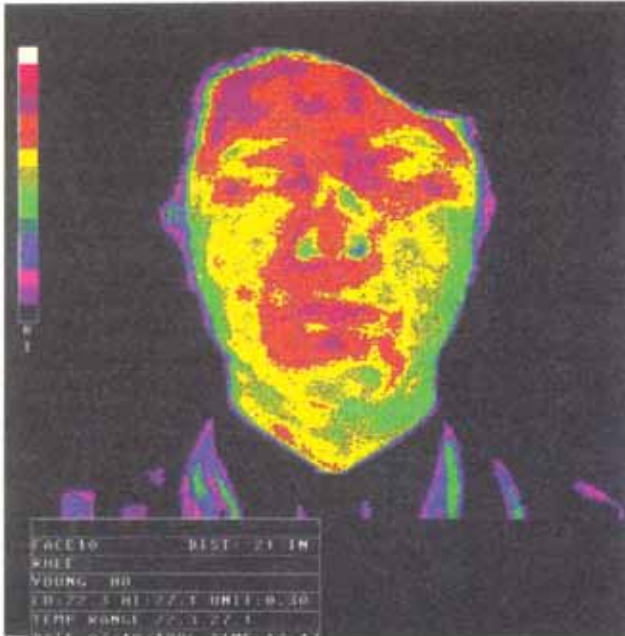
# Experiment and verification results

## 1. Results of the SAR (Specific Absorption Ratio) measurement.

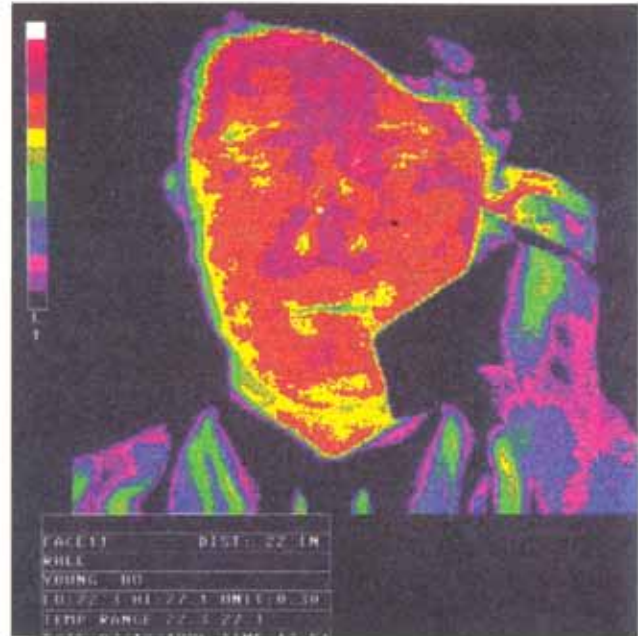
- The SAR measurement of the mobile telephone which was equipped with Antenna has been performed by the IMST GmbH, Institute Fur mobil-und Satellitenfunktechnik in Germany and Utah University in U.S.A. (Measurement of the SAR of Antenna is in progress in Korea by Samsung and LG) and the results of the SAR measurements are as attached below.
- These tests report the changeable radiation patterns according to the radiation frequency. Refer to the report of the test results of Nemko ALfab Italy.

## 2. Change of body (head) temperature while operating a mobile telephone.

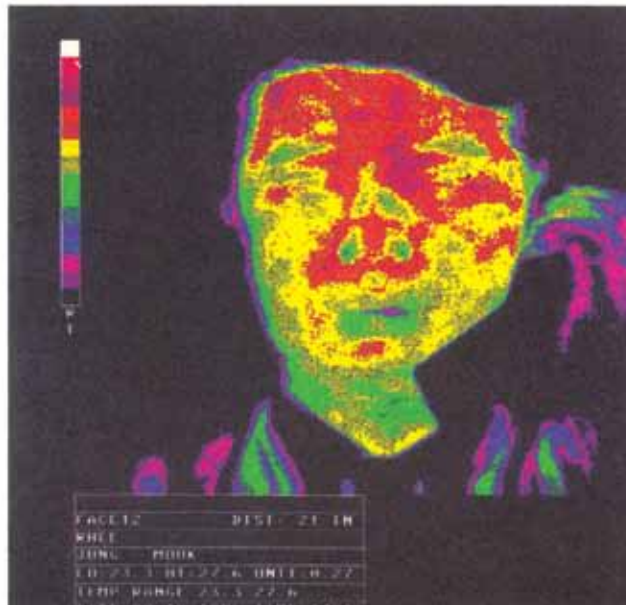
( Mobile Phone )



( Normal condition )



( Changing face temperature during use of Mobile Phone )



( Changing face temperature during use of Mobile Phone with attached Cell Shield )

- Face temperature is just like normal condition